1st and Final bill

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. Recorded on :- 19/03/2021

57953

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work..... Work completed on :- 18/06/2021

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Name of the work :- Improvements to roads at 5th, 6th, 7th, 2nd main, 3rd main Kalyanamagara and Surrounding area in ward No-13 Shettyhalli Sub Division						
	Est cost (In lakhs) :- 45,00						
	A/S No :- EE/DD/AS/16/2020-21 Dt: 22/04/2020						
	T/S No :- CE/DZ/TS/34/2020-21, Dt: 06/05/2020						
	Work order No :- BBMP/EE/DD/WO/119/2020-21, Dt:- 03/11/2020						
	Name of the Agency :- Sri: Manjunath B M						

ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರ್ ವಾರ್ಡ್ ನಂ 13, ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving, excavated surface leveled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification						
	Quantity as per E-MB = 630.00					cum	
	@ Rate, RS – 127.00 = 80022.70						
②	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes paver rollers including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications						
	Quantity as per E-MB = 2534.40					SQm	
	@ Rate, RS – 6.00 = 15206.40						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

57354

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
③	Providing, laying, spreading and compacting crushed stone aggregates of granite/trap I basalt to wet mix macadam specifications including pre mixing the material with water at omc in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with pavers - - -						
	Quantity as per E-MB = 561.00						
	@ Rate, RS – 1841.00 = 1032801.00					cum	
④	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Clearing of road surface and spraying primer at rate of 0.60 kg/SQm using mechanical means complete as per specifications.						
	· Quantity as per E-MB				= 2534.40		SQm
	@ Rate, RS —				26.00 =	65894.40	
(5)	providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminus binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled vibratory and tandem rollers to achieve the desired						
	Quantity as per E-MB				= 127.42		CQm
	@ Rate, RS —				6070.00 =	773439.00	

C.B.T.

M. A. R. 57 (Rule 116) No. D

Measurement Book

57955

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to recive bituminous treadment including cost of all materials, labour, HOM of machineries complete as per specifications MORTH specifications clause 501						
	· Quantity as per E-MB				= 5013.30		SQm
	@ Rate, RS —				5.00 =	25066.50	
(7)	providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces						

C.B.T.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಪಿ.ಆರ್.ಇ. ಉಪವಿಭಾಗ ನಂ. 13, ಮಲ್ಲಸಂದ್ರ
ಬೆಂಗಳೂರು.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of ~~road~~ all materials, labour, hire of machineries complete as per specifications. MORTH						
	Quantity as per E-MB =				5013.30		Sam
	@ Rate RS — =				12.00 =	60159.60	C.E.E
(8)	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bitumenous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem rollers to achive the desired compaction as per MORTH						

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M. A. R. 57 (Rule 116) **No. D**

Measurement Book

57956

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity as per E-MB =			202.68			Cum
	@ Rate RS — =			7158.00 =		1450783.44	
(9)	Loding and unloding of stone Boulder / stone aggregates / sand / kanker / moorum, KSRRB M100 t placing tipper at loading point, loading with front end loader dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH - 100 / chapter - 1						C.E.E
	Quantity vide Item No. 1 =			630.10			Cum
	@ Rate RS —			52.00 =		32765.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	cost of Haulage Excluding loading and unloding MORTH- 100/chapter 1 case-1 : Surface Road						
	Quantity vide Item No-9		= 630.10				T.KM
	@ Rate RS —		12.10 = 7624.21				
	Sub Total —		= 3543762.85				
	12% GST —		= 425251.54				
	Grand Total —		= 3969014.39				
	Certificate. 1. Certified that the contractor completed the work 2. Certified that there is no departmental issue 3. Certified that the contractor clear all debts at work spot.						

12/06/2021

Assistant Executive Engineer
Shettyhalli Sub -Division

12/06/2021 ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 13, ಮಲ್ಲಸಂದ್ರ

Audited and admitted for Rs. 3969014=00
Passed by Cheque for Rs. 3484582=00
Thirty Four Lakhs Eighty Four Thousand Five hundred Eighty Two only

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. 57957

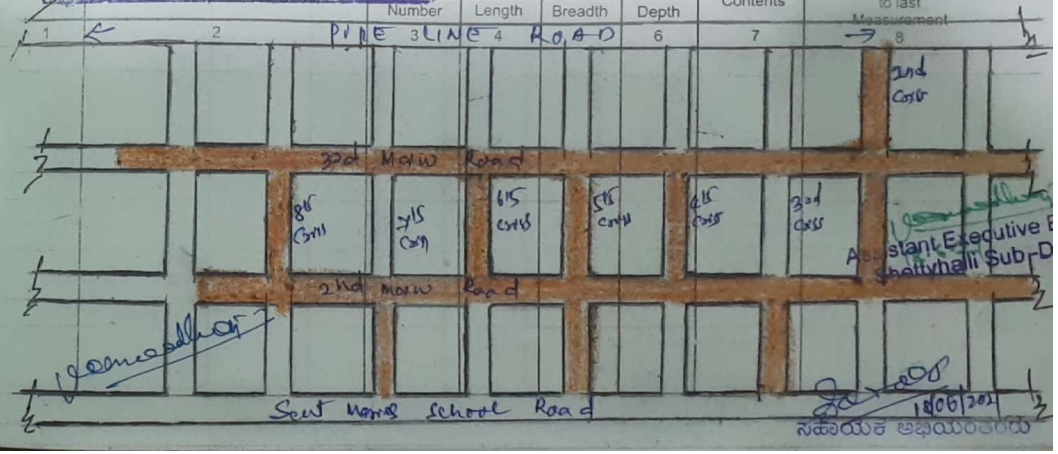
Name of work 484432=00 From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work..... Exe. Engineer Hariyappa Nagappa

R.R.M.P. Dasarahalli Division

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4		6	7	8



Assistant Executive Engineer
Shettyhalli Sub-Division

12/06/2021 ಸಹಾಯಕ ಅಭಿಯಂತರರು

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